

ABSTRACT OF THE DISCLOSURE

A method of forming a trench isolation in a substrate includes the steps of forming a trench groove in a substrate, forming a first electrically insulating layer which fills the trench groove and extends over an upper surface of the substrate, where the first electrically insulating layer has a first surface migration, and an upper surface of the first electrically insulating layer has a first hollow positioned over the trench groove, and forming a second electrically insulating layer over the first electrically insulating layer. The second electrically insulating layer fills the first hollow and an upper surface of the second electrically insulating layer has a second hollow positioned over the trench groove. The second electrically insulating layer has a second surface migration smaller than the first surface migration.